

## AMENDMENTS TO THE CLAIMS

1. (canceled)

2. (canceled)

3. **(currently amended)** AThe content moving device for moving stored content to a portable recording medium, of Claim 2, wherein the content moving device comprising:  
a storage unit storing original content;  
a generation unit operable to perform irreversible conversion on the original content,  
which lowers a quality thereof, to generate converted content;  
an extraction unit operable to extract partial data from the original content;  
a replacing unit operable to replace a portion of the original content corresponding to the extracted partial data with different data; and  
a write unit operable to write the converted content and the extracted partial data to the recording medium,  
wherein the partial data is of a predetermined length and from a predetermined position of the original content,  
wherein the original content includes at least intraframe-coded compressed frame images,  
and  
wherein the extraction unit is further operable to extract~~extracts~~ part or all of the intraframe-coded compressed frame images as the partial data.

4. **(currently amended)** The content moving device of Claim 3, ~~wherein~~  
wherein the original content is composed of a plurality of fixed-length data blocks of fixed length,  
wherein the extraction unit is further operable to extract~~a extracts a single data block~~  
from the plurality of data blocks, to determine if the extracted data block includes a~~judges~~  
~~whether part of the intraframe-coded compressed frame images is included in the extracted data~~

~~block, and, based on a result of the determination, to output the extracted data block as the partial data. if included, outputs the extracted data block as the partial data, and~~  
~~the replacing unit replaces the portion of the original content corresponding to the extracted data block with different data.~~

**5. (currently amended)** The content moving device of Claim 4, ~~wherein~~  
wherein the plurality of data blocks constituting the original content are generated by  
encrypting a digital copyrighted work per the fixed length, and  
wherein the extraction unit includes:

a decryption subunit operable to decrypt the extracted data block to generate a  
decrypted data block; and

a judging subunit operable to determine if the decrypted data block includes  
~~a judge whether part of the intraframe-coded compressed frame images is included in the~~  
~~decrypted data block, and, based on a result of the determination, to if included, output the~~  
extracted data block as the partial data, ~~and~~

~~the replacing unit replaces the portion of the original content corresponding to the~~  
~~decrypted data block judged to include the part of the intraframe-coded compressed frame~~  
~~images with different data.~~

**6. (currently amended)** The content moving device of Claim 5,  
wherein the write unit is further operable to encrypt, instead of writing the partial data to  
~~the recording medium, further encrypts, using a medium key of the recording medium, the~~  
~~decrypted data block judged to include part of the intraframe-coded compressed frame images,~~  
and to write ~~writes the encrypted data block encrypted using the medium key to the recording~~  
medium.

**7. (currently amended)** The content moving device of Claim 6, wherein  
the write unit includes:

a key holding subunit operable to hold the medium key;

an encryption subunit operable to encrypt the decoded data block using the medium key;

a write subunit operable to write the ~~encrypted~~ data block encrypted using the medium key and the medium key to the recording medium; and

a key erasing subunit operable to erase the medium key held in the key holding subunit.

**8. (currently amended)** The content moving device of Claim 43, ~~wherein~~ wherein the extraction unit ~~is further operable to output~~outputs a position in the original content of the extracted partial data, and

wherein the write unit ~~is further operable to write~~writes the position in the original content of the extracted partial data to the recording medium.

**9. (currently amended)** A~~The~~ content moving device for moving stored content to a portable recording medium, the content moving device comprising:

a storage unit storing original content;

a generation unit operable to perform irreversible conversion on the original content, which lowers a quality thereof, to generate converted content;

an extraction unit operable to extract partial data from the original content;

a replacing unit operable to replace a portion of the original content corresponding to the extracted partial data with different data;

a write unit operable to write the converted content and the extracted partial data to the recording medium;

a read unit operable to read the partial data from the recording medium having the converted content and the partial data recorded thereon;

a re-replacing unit operable to replace the replaced portion of the original content with the partial data read by the read unit; and

an erase unit operable to erase the partial data and the converted content from the recording medium.

of Claim 1, being operable to move converted content recorded on the recording medium to the content moving device, wherein

~~the recording medium has recorded thereon the converted content and the partial data,~~  
wherein the storage unit is operable to store~~has stored~~ therein replaced content which is the original content in which the portion corresponding to the partial data has been replaced with different data, and

wherein the content moving device is operable to move converted content recorded on the recording medium to the content moving device.

~~the content moving device further comprising:~~

~~a read unit operable to read the partial data from the recording medium having the converted content and the partial data recorded thereon;~~

~~a re-replacing unit operable to replace the replaced portion with the partial data read by the read unit; and~~

~~an erase unit operable to erase the partial data and the converted content from the recording medium.~~

**10. (currently amended)** The content moving device of Claim 9, ~~wherein~~  
wherein the replaced portion is, being of a predetermined length and from a predetermined position of the replaced content stored in the storage unit, ~~has been replaced with different data, and~~

~~the re-replacing unit replaces the portion which is of the predetermined length from the predetermined position of the replaced content with the read partial data.~~

**11. (currently amended)** The content moving device of Claim 10, ~~wherein~~  
wherein the replaced content is composed of a plurality of fixed length data blocks of fixed length,

wherein the data block corresponding to the replaced portion corresponds to a data block from the plurality of data blocks, which is of the predetermined length from the predetermined position of the replaced content stored in the storage unit has been replaced with different data,

wherein the partial data is a single data block from the plurality of data blocks, ~~and~~  
the re-replacing unit replaces the replaced data block with the read partial data.

**12. (currently amended)** The content moving device of Claim 11, wherein the recording medium has recorded thereon reencrypted data generated by decrypting the extracted partial data and encrypting the decrypted partial data using a medium key of the recording medium,

wherein data blocks of the plurality of data blocks ~~constituting the replaced content~~ are generated by encrypting a digital copyrighted work per the fixed length,

~~the recording medium has recorded thereon reencrypted data generated by decrypting the extracted partial data and encrypting the decrypted partial data using the medium key of the recording medium,~~

wherein the read unit is further operable to read, ~~instead of reading the partial data from the recording medium,~~ reads the reencrypted data, and

wherein the re-replacing unit is further operable to decrypt, ~~instead of replacing the replaced data block of the replaced content with the read partial data,~~ decrypts the reencrypted data using the medium key, to perform~~performs~~ encryption, the encryption being the same as an encryption performed on the digital copyrighted work, on the decrypted data to generate the partial data, and to replace~~replaces~~ the replaced portion~~data block~~ of the replaced content with the generated partial data.

**13. (currently amended)** The content moving device of Claim 12, wherein the medium key is stored on the recording medium, and

wherein the re-replacing unit includes:

a key reading subunit operable to read the medium key from the recording medium;

a decryption subunit operable to decrypt the reencrypted data using the medium key;

an encryption subunit operable to perform encryption, the encryption being the

same as the encryption performed on the digital copyrighted work, on the decrypted data to generate the partial data;

a replacing subunit operable to replace the replaced ~~portion data block~~ with the generated partial data; and

a key erase subunit operable to erase the medium key stored on the recording medium.

**14. (currently amended)** The content moving device of Claim 9, wherein the recording medium further has stored thereon a position of the partial data in the original content, wherein the read unit further reads the position from the recording medium, and wherein the re-replacing unit replaces data at the position of the partial data of the replaced content stored in the storage unit with the read partial data, the data being at the position.

**15. (currently amended)** A content moving method ~~for use with~~used in a content moving device, which includes a storage unit with content stored therein, for moving the content to a portable recording medium, the content moving method comprising the steps of:

generating converted content by performing irreversible conversion on the content, which lowers a quality thereof;

extracting partial data, partial data being part of the content of a predetermined length, from a predetermined position of the original content;

replacing a portion of the content corresponding to the extracted partial data with different data; and

writing the converted content and the extracted partial data to the recording medium, wherein the original content includes at least intraframe-coded compressed frame images, and

wherein the extraction unit extracts part or all of the intraframe-coded compressed frame images as the partial data.

**16. (currently amended)** A computer-readable recording medium storing a computer program used in a content moving device, comprising a storage unit with content stored therein, for moving the content to a portable recording medium, the computer program for causing a computer to execute comprising the steps of:

generating converted content by performing irreversible conversion on the content, which lowers a quality thereof;

extracting partial data, partial data being part of the content of a predetermined length, from a predetermined position of the original content;

replacing a portion of the content corresponding to the extracted partial data with different data; and

writing the converted content and the extracted partial data to the recording medium, wherein the original content includes at least intraframe-coded compressed frame images, and

wherein the extraction unit extracts part or all of the intraframe-coded compressed frame images as the partial data.

**17. canceled**

**18. (currently amended)** A recording medium for use with a content moving device for moving stored content to the recording medium, the content moving device comprising:

a storage unit storing original content;

a generation unit operable to perform irreversible conversion on the original content, which lowers a quality thereof, to generate converted content;

an extraction unit operable to extract partial data from the original content;

a replacing unit operable to replace a portion of the original content corresponding to the extracted partial data with different data; and

a write unit operable to write the converted content and the extracted partial data to the recording medium,

wherein the partial data is of a predetermined length and from a predetermined position

of the original content,

the recording medium having recorded thereon (i) converted content, ~~being a content irreversibly converted to lower a quality thereof,~~ generated from original content including at least intraframe-coded compressed frame images, and (ii) partial data extracted from the original content, the partial data being part or all of the intraframe-coded compressed frame images.

**19. (currently amended)** A content moving system composed of a portable recording medium and a content moving device for moving stored content to the recording medium, the content moving device including:

- a storage unit storing the content;
- a generation unit operable to perform irreversible conversion on the content, which lowers a quality thereof, to generate converted content;
- an extraction unit operable to extract partial data, the partial data being part of the content of a predetermined length, from a predetermined position of the original content;
- a replacing unit operable to replace a portion of the content corresponding to the extracted partial data with different data; ~~and~~
- a write unit operable to write the converted content and the extracted partial data to the recording medium; and, ~~and~~
- a storage area for storing therein the converted content and the partial data being provided in the recording medium,

wherein the original content includes at least intraframe-coded compressed frame images, and

wherein the extraction unit extracts part or all of the intraframe-coded compressed frame images as the partial data.

**20. (new)** A content moving method for use with a content moving device, which includes a storage unit with content stored therein, for moving the content to a portable recording medium, the content moving method comprising the steps of:

- generating converted content by performing irreversible conversion on the original



content, which lowers a quality thereof, to generate converted content;  
extracting partial data which is part of the original content;  
replacing a portion of the original content corresponding to the extracted partial data with different data;  
writing the converted content and the extracted partial data to the recording medium;  
reading the partial data from the recording medium having the converted content and the partial data recorded thereon;  
replacing the replaced portion with the partial data read by the read unit; and  
erasing the partial data and the converted content from the recording medium.

**21. (new)** A computer-readable recording medium storing a computer program used in a content moving device comprising a storage unit with original content stored therein, for moving the content to a portable recording medium, the computer program for causing a computer to execute the steps of:

generating converted content by performing irreversible conversion on the original content, which lowers a quality thereof, to generate converted content;  
extracting partial data which is part of the original content;  
replacing a portion of the original content corresponding to the extracted partial data with different data;  
writing the converted content and the extracted partial data to the recording medium;  
reading the partial data from the recording medium having the converted content and the partial data recorded thereon;  
replacing the replaced portion with the partial data read by the read unit; and  
erasing the partial data and the converted content from the recording medium.